

**METHOD AND APPARATUS FOR ENABLING LOCATION-INDEPENDENT AND  
LOCATION-TRANSPARENT INTERACTION BETWEEN PROGRAM AND USER**

**ABSTRACT OF THE DISCLOSURE**

5 A system and method wherein a mobile user, or a user  
interacting with a mobile program, can at any time initiate a  
program status request. The program status request initiates the  
sequence of events whereby the current location of the program is  
determined and/or the current user location is made available to  
the program without the necessity of either entity changing  
location. Further, the agent script for the program maintains a  
composite data structure which includes an input buffer for storing  
input variables, an output buffer for storing output values to be  
10 displayed to the user, a program state data structure, and an  
optional bag buffer for temporarily storing input variables which  
the program will need in the course of future execution. By  
maintaining such a composite data structure, it is assured that all  
necessary information can be provided at a program location  
15 regardless of whether the program or the user has relocated.